

Oxidation of Red Phosphorus at Elevated Temperatures and Pressures I., by I. N. Busharkin, M. V. Ruznikov, A. V. Frost, 15 p

RUSSIAN, per, Zhur Prii Khim, Vol VI. 1933, pp 577 587.

SLA R-2914

Sci

Jul 59

91,408

II)
Oxidation of Yellow Phosphorus with Water at
Elevated Temperatures and Pressures, by I. N.
Bushmakín, M. V. Ruisakov and A. V. Frost,
23 pp.

RUSSIAN, per, Zhur Prik Khim, Vol VI, 1933,
pp 588-606.

SLA R-2303

Sci

Aug 58

72,121

Oxidation of Phosphine with Water Under Pressure, by
I. N. Bushmakina, A. V. Frost, 10 pp.

RUSSIAN, per, Zhur. Prikl. Khim, Vol VI, 1933,
pp 607-612.

AEC-tr-19 1795

Scientific - Chemistry

11,068

Production of Chlorinated Derivatives From Cracked
Gases, by A. F. Dobryanskiy, R. A. Gutner, M. K.
Shchigel'skiy, 14 pp.

RUSSIAN, per, Zhur Prik Khim, Vol VI, 1933, pp
1133-1139.

TT-64-17865

Sci Trans Center
RT-1577

14,660

Scientific - Chemistry

Dec 54 CTS/DEX

Preparing Aluminum Fluoride by the Interaction of
Hydrogen Fluoride with Aluminum Hydroxide, by V. A.
Yatlov, M. M. Kovalenko, Z. P. Vinogradova, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol. VII, 1934, pp
39-46.

SLA/R-2515

Sci
Apr 59

84,441

Zelinskii, N. D., Ushakov, M. I. and others.
OVER DE OMZETTING VAN ACETYLEEN EN ACETALDEHYDE IN ACETON VOLGENS DE CONTACT-METHODE (The Conversion of Acetylene and Acetaldehyde into Acetone by means of Catalysis) tr. by A. Bosch-Sekacz and G. J. M. Fritschy. 11p. 5 refs. MTWL: 114. (text in Dutch)
Order from OTS or ETC SL 55 61-17739

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1934, v. 7, p. 83-90.

DESCRIPTORS: Acetylenes, Acetaldehydes, *Acetones, Catalysts, Chemical reactions, Iron catalysts, Manganese.

61-17739

- I. Zelinskii, N. D.
- II. Ushakov, M. I.
- III. MTWL-114
- IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

Komar', N. P. and Maevskaya, V. P.
DE BEPALING VAN ZWAVELKOOLSTOF IN DE
LUCHT (Determining Carbon Disulfide in Air) tr. by
A. Bosch-Sukacz and G. J. M. Fritschy. 8p. 7 refs.
MTWL: 123, (text in Dutch).
Order from OTS or ETC \$1.55

61-17728

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1934,
v. 7, p. 433-436.

DESCRIPTORS: *Carbon compounds, Sulfides, Air,
Determination.

61-17728

- I. Komar', N. P.
- II. Maevskaya, V. P.
- III. MTWL-123
- IV. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Zagvondkin, K.
ON THE THEORY OF THERMAL REDUCTION OF
PHOSPHORUS FROM CALCIUM PHOSPHATES
ACCORDING TO WUHLER. [1963] 23p. (figs. omitted).
12 refs.

Order from OTS or SLA \$2.40

63-16231

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1934,
v. 7, no. 3, p. 455-468.

DESCRIPTORS: *Phosphorus, *Calcium compounds,
*Phosphates, *Reduction (Chemistry), Dissociation,
Reaction kinetics, Temperature, Manufacturing
methods.

(Chemistry--Physical, TT, v. 10, no. 7)

63-16231

1. Title: Wuehler reaction
1. Zagvondkin, K.

Office of Technical Services

On Equilibrium of Liquid Mixtures and Solutions, by
V. A. Kireev, A. A. Popov,

RUSSIAN, per. Zhur. Prikl. Khim., Vol VII, No 4, 1934,
pp 489-494.

Sci Tr Center TT 308
~~Science & Technology~~

Scientific - Chemistry
CTS/DEK

RUSSIAN to DUTCH: OTC 61-17719

14,059

Kireev, V. A. and Khachadurova, E. M.
OVER HET EVENWICHT IN VLOEISTOFMENGSELS
EN IN OPLOSSINGEN. II. KOOKTEMPERATUUR EN
SAMENSTELLING VAN DEN DAMP VAN HET SYS-
TEEM: AETHYLALCOHOL-AETHER (Equilibria in
Mixtures of Liquids and Solutions. II. Boiling Points
and the Composition of the System Ethyl Alcohol and
Ether Vapors) tr. by A. Bosch-Sukacz and
G. J. M. Fritschy. 6p. 3 refs. MTWL: 134. (text in
Dutch).
Order from OTS or ETC \$1.55

61-17718

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1934,
v. 7, p. 495-496.

DESCRIPTORS: Phase studies, *Ethanol, *Ethers,
Vapors, *Boiling, Temperature.

61-17718

- I. Kireev, V. A.
- II. Khachadurova, E. M.
- III. MTWL-134
- IV. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Purification and Conversion of the Gas
Obtained in the Electrothermal Volatiliza-
tion of Phosphorus, III, by B. N. ~~DOLOV~~
B. A. Bolotov and A. N. Popova, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol VII,
1934, pp 497-502.

SLA R-2212

Sci

Aug 58

72,124

Equilibrium of the Reciprocal System $\text{Na}_2\text{SO}_4\text{-NH}_4\text{NCO}_3\text{-H}_2\text{O}$ at 0°, by A. P. Belopol'skiy, A. Ya. Shpunt, M. T. Serebrenikova.

RUSSIAN, no per, Zhur Prikl Khim., Vol VII, No 5, 1934, pp 669-686.

36,096

Insdoc

Nat Phys Lab of India

Hillside Rd

New Delhi-12, India

Scientific - Chemistry

Jun 56/dex

UTILIZATION OF NEUTRAL SODIUM SULPHATE FOR OBTAINING
Soda and Ammonium Sulphate, by A. P. Belopol'skiy,
N. P. Aleksandrov.

RUSSIAN, no per, Izv Prik Khim, Vol VII, No 5, 1934,
pp 687-724.

36,095

Disdoc

Nat Phys Lab of India
Hillside Rd
New Delhi-12, India

Scientific - Chemistry

Jun 56/lex

Orlov, N. A., Shestakovskii, M. F., and
Shabarov, V. V.
THE MANUFACTURE OF CYCLOHEXANOL tr. by
G. J. M. Fritschy. 7p. 6 refs. MTWL: 334.
Order from OTS or ETC \$1.55 61-17928

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1934, v.7,
p. 760-763.

DESCRIPTORS: *Cyclohexanols, *Phenols, Hydroge-
nation, Nickel catalysts.

61-17928

- I. Orlov, N. A.
- II. Shestakovskii, M. F.
- III. Shabarov, V. V.
- IV. MTWL-334
- V. Stichting Moellijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Catalytical Saponification of Chlorobenzene With
Steam, by D. V. Tishchenko, A. M. Churbakov, 9 pp.
RUSSIAN, per, Zhur Prik Khimiy, Vol VII, No 5,
1934, pp 764-769.
OTS 63-18540

Sci-Chem
March 64

252,069

A New Type of Silica Gel for Regenerating
(Transformer) Oils, by M. V. Kurlin. 5 pp.
RUSSIAN, per, Zhurnal Prikladnoi Khimii, Vol 7,

1934, pp 825-829.
OTS TT-61-18023

Sci/Propulsions & Fuels
Jun 67

327,701

The Solubility of Sulfur Dioxide in Sulfuric
Acid by E. K. Lopatto, A. M. Savinayev, 8 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol VII, # 1934,
pp 881-886.

SLA R-2935

Sci

Jul 59

92, 350

Yarlykov, M. M.
DE EVENWICHTSTOESTAND VAN DE OPLOSBAAR-
HEID VAN DE SYSTEMEN: KCl-H₂O-NH₄Cl EN
NaCl-H₂O-NH₄Cl (The State of Solubility Equilibrium
of the Systems KCl-H₂O-NH₄Cl and NaCl-H₂O-NH₄Cl)
tr. by A. Pasch-Sukacz and C. J. M. Fritschy. 7p.
MTWL: 136. (text in Dutch).
Order from OTS or ETC \$1.55

61-17720

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1934,
v. 7, p. 902-905.

DESCRIPTORS: Solubility, *Phase studies, Chemical
equilibrium, *Chlorides.

61-17720

- I. Yarlykov, M. M.
- II. MTWL-136
- III. Stichting Moelijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

^a
A Material and Energy Balance for the Carbide Process,
by ^{ar} G. Y. Tshernov, 12 pp.

RUSSIAN, per, Zhur Prik Khim, Vol VII, 1934, pp
906-915.

SLA R-2903

Sci

Jul 59

92,630

Zhur Prikl Khim, № 2, 1121-4, (1934)

The Viscosity of Phosphoric Acid, *471P*

N. D. Litvinov, T. A. Kryukov and E. A. Kurochkina
(Scientific Inst of Fertilizers)

(Wilson Dam 2889)

SLAR-3027

Acorns of Xylans, by H. Ya. Seleznev,

RUSSIAN, no per, Zhur Prikl Khim, Vol VII, No 6,
1934, pp 1029-1033.

Sci. Mus. Lib 56/1361
Nat'l Res Lib TR 583

39,865

Sci - Chemistry
Dec 1956 CTS/dex

Physical-Chemical Investigation of the Manufacture
of Thermophosphates, by A. G. Bergman, 3 pp.

RUSSIAN, per, Zhur Prii Khim, Vol VII, 1934, pp
1125-1127.

SLA R-2986

Sci

Jul 59

92, 392

Physical-Chemical Investigation of the Manufacture of
Thermophosphates. II. The Application of light in
Visual Observations of High Temperatures, by K.
Kumanin, 4 p.

RUSSIAN, ~~er~~, ZhurPrik Khim, Vol VII, 1934, pp'
1127-1129.

SLA R-2985

Sci

Jul 59

92, 412

Physicochemical Investigation of the Manufacture of
Thermophosphates. III. The Interaction of Apatite
and Soda, by A. P. Palkin, M. P. Golovkov, 14 pp.

RUSSIAN, per, Zhur Prik Khim, Vol VII, 1943, pp
1130-1143.

Vci

SLA R-2984

Sci

Jul 59

92,421

Physical-Chemical Investigation of the Manufacture of
Thermophosphates. IV. The Preparation of Sodium
Phosphate, by A. P. Felkin, 4 pp

RUSSIAN, per, Zhur Prii Khim, Vol VII, 1934, pp
1144-1146.

SLA R-2983

Sci

Jul 59

92,420

Preparation of 1,3-Butadiene From
2-Butene, by B. P. Fedorov, A. I. Smirnova.
RUSSIAN, per, Zhurnal Prikladnoi Khimii,
Vol VII, 1934, pp 1166-1180.
CFSTI TT 61-16970

Jun 67

327,275-

Kireev, V. A., Kaplan, S. I., and Zlobin, V. N.
OVER HET EVENWICHT IN VLOEISTOFMENGSELS
EN IN OPLOSSINGEN. III. KOOKTEMPERATUUR EN
DAMPSTAMENSTELLING VAN DE SYSTEMEN:
BENZYLCHLORIDE-TOLUOL EN AETHYLEEN-
CHLOORHYDRINE-WATER (Equilibria in Liquid
Mixtures and Solutions. III. Boiling Points and the
Composition of the Vapors of the Systems Benzyl
Chloride-toluene and Ethylene Chlorohydrin-water)
tr. by A. Bosch-Sukacz and G. J. M. Fritschy. 11p.
5 refs. MTWL: 133 (text in Dutch).
Order from OTS or ETC \$1.55

61-17717

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1934,
v. 7, p. 1333-1335.

DESCRIPTORS: Phase studies, *Boiling, Temperatu-
re Vapors, *Toluenes *Chlorides.

61-17717

- I. Kireev, V. A.
- II. Kaplan, S. I.
- III. Zlobin, V. N.
- IV. MTWL-133
- V. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Grodzovskiy, M. K. and Chukhanov, Z. P.
GASIFICATION OF THE HOT MATERIAL LAYER
BY MEANS OF OXYGEN-ENRICHED AIR. [1961]
[28]p. 7 refs. NCB Trans. A.1620/SEH; [DSIR LLU]
M.1814.

Order from LC or SLA m\$2.70, ph\$4.80 61-13138

Trans. of Zhurnal Prikladnoy Khimii (USSR)
1934 [v. 7] no. 8, p. 1398-1422.

61-13138

1. Blast furnaces--Fuel consumption
2. Oxygen--Metallurgical effects
3. Combustion Analysis
 - I. Grodzovskiy, M. K.
 - II. Chukhanov, Z. P.
 - III. NCB-A1620/SEH
 - IV. DSIR LLU M.1814
 - V. National Coal Board (Gt. Brit.)

16658.

Office of Technical Services

(Chemistry--Physical, TT, v. 5, no. 12)

TT-61-16612

I. Slobodin, Ya. M.

Slobodin, Ya. M.
COMPARISON OF POLYMERIZING AND ADSORPTION
ABILITY OF SILICATES. [1961] 8p 11 refs.
Order from OTS, SLA, or ETC \$1.10 TT-61-16612

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1935,
v. 8 [no. 1] p. 35-43.

DESCRIPTORS: *Silicates, Polymerization, Adsorption,
Effectiveness, Tests.

(Chemistry--Physical, TT, v. 11, no. 3)

Office of Technical Services

On the Initial Stage of Combustion of Hydrocarbon
Fuels, by K. I. Ivanov, V. K. Savinova, 33 pp.

(22 pp)
RUSSIAN, per, Zhur Priklad Khim, Vol VIII, 1935,
pp 64-91.

Sci - Chemistry, fuels
Oct 57

SLA Tr R-820 (33 pp)
CTS TT-61-16613 (22 pp)

54, 479

Construction and Operation of Platinum-Resistor
Furnace for the Laboratory to Operate at 1550°
by K. Kumanin, 8 pp.

RUSSIAN, per, Zhur Prikl & Khim, Vol VIII, 1935, pp
pp 177-183.

SLA R-2926

Sci

Jul 59

92,608

On the Solubility of Sodium Sulphate in Aqueous
Solution of Ammonium Carbonate at 32.5°, by A. P.
Belopol'skiy, V. V. Urusev.

RUSSIAN, per, Zhurnal Prikladnoi Khimii, Vol VIII,
No 2, 1935, pp 193-194.

Insdoc
National Physical Laboratory of India,
Hillside Road
New Delhi-12, India

Chemistry

36,150

Jun 56 CTE

The interaction of sodium chloride and kaolin at high temperatures, by I. I. Kitaygorodskiy, V. I. Bokunyaveva
RUSSIAN, per, Zhurnal Prikladnoy khimii, Vol 8, No 2,
1935, pp 230-237.
NASA TT F 14,251

NASA TT F 14,264 13 pp

apr 72

Phosphorus Nitride, its Preparation and
Properties (/), by V. P. Potnikov and
L. L. Kuzmin, 13 pp.

RUSSIAN, per, Zhur Prik Khim, Vol VIII, 1935,
pp 429-438.

SIA R-2509

Sci

Aug 58

72, 965

A Contribution to the Knowledge of Humic Substances
by N. A. Orlov, V. V. Tishchenko, E. M.
Tarasenkova, 5 p.

RUSSIAN, per, Zhur Prikl Khim, 1935, Vol VIII, No 3,
pp 501-504.

SLA 59-20895

Dist. to [unclear]
TA 4, 3 501-504

Sci
Apr 60
Vol. III, No 2

111,655

Determination of Thermodynamic Properties of
Solutions of Mineral Salts During Evaporation
and Crystallization, by G. I. Voinilovich,
L. K. Akhrap, L. S. Mai.

RUSSIAN, no per, Zhur Prik Khim, Vol VIII, No 4,
1935, pp 589-597.

INSDOC T. 760

29,467

Scientific - Chemistry
Indian Natl Sci Doc Center, Natl Physical Lab
of India, Hillside Rd, New Delhi, 12.

Vapor-Phase Hydrolysis of Chlorobenzene, by
D. Tishchenko, R. Guntner, et al, 22 pp.
RUSSIAN, per, Zhur Prii Khimiy, Vol VIII, No 4,
1985, pp 685-694.
OTS 63-18541

Sci-Chem
March 64

252,068

Physical Heterogeneity of Nitrocellulose and the
Properties of Its Fractions, Part I, by Z. Rogovin,
S. Glazman, 17 pp.

RUSSIAN, Det. Zhur Prikl Khim, Vol VIII, No 7,
1935, pp 1237-1247.

Sci Transl Center RT-978

Scientific - Chemistry
CNS/DEX

13,952

Obtaining Chlorine Compounds of Phosphorus from
Phosphorites, by A. Y. Goryain, 12 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol VIII, 1935, pp
pp 1380-1387.

SIA IR-3359

Sci

Aug 59

94, 174

The Composition of the High Molecular Weight
Acids From the Wax-Like Fraction of Peat
Bitumen, by E. V. Roguyinskaya.

RUSSIAN, per, Zhur Prikl Khim, Vol IX, 1936,
p 108.

Dept of Int
US Bur of Mines
Central Exper Sta
Pittsburgh, Pa. NO 381

Sci - Chem
May 59

87,741

Cathodic Reduction of Oxides on Metallic Iron as
a Method for Determination of Corrosion, by
E. A. Nikiforov, L. M. Glukhovskaya

RUSSIAN, no per, Zhur. Prikl. Khim., Vol IX, No 2,
1936, pp 217-224.

Navy Tr 1428/NEEL 585

Sci - Chemistry
Dec 56 CTS

41,227

The vapour pressures of HF , SiF_4 and H_2O over solutions
of the system $\text{HF}-\text{H}_2\text{SiF}_6-\text{H}_2\text{SO}_4-\text{H}_2\text{O}$, by N. Khaydukov, E.
Vinetskaya, and A. Bogdanov.

RUSSIAN, per, Zhur Prikl Khim, 9, 1936, (9);
pp 439-45.

Sci Museum Lab No 51/1897 — London

The Determination of the Viscosity and
Density of Water Solutions of Urea, by
N. D. Litvinov and A. N. Mel'nikova, 7
pp.

RUSSIAN, per, Zhur Prikl Khim, Vol IX,
1936, pp 583-588.

SLA R-2437

Sci

Aug 5/3

72,058

LITVINOV, N. D.

R-2865. Molecular weight of melted yellow
phosphorus. Zhur. Priklad. Khim., 9, no.4, (2p.)

Dynamics of Red Phosphorus Production, by A. Y.
Zvorukin, 13 pp.

RUSSIAN, per, Zhur Prik Khim, Vol IX, 1936,
pp 779-788.

SLA/R-2496

Sci
Apr 59

84, 914

Production of Resorcinal, ^{or} by N. I. Volynkin,
4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol IX, No 5,
1936, pp 885-888.

SLA 77-64-11567
Assoc Tech Serv
RJ 893

Sci

Aug 58

72,455

Influence of ~~Phosphoric~~ Phosphoric Acid
upon Clays, by P. P. Budnikov, M. I.
Mekrich and A. Kvitnitskiy, 9 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol IX,
1936, pp 986-993.

SLA R-2243

Sci

Aug 53

72,221

Nickel and Chromium Plating of Tungsten Filaments,
by V. D. Polyakov, 9 pp.

. RUSSIAN, no per., Zhur Prik Khim, Vol IX, 1936,
pp 1033-1037.

AEC Tr 1704

Scientific - Chemistry

CTS/DEX

7311

Zh. Prikl. Kh. IX, No. 6, 1936
pp. 1038-48

N. P. Boghko, Concerning
Investigation of the Grafiti-
zation Process.

RT-2054

Proj 7825

JAN 12 1951

Production of Lacquer Nitrocellulose from Purified
Woodpulp., Part I., by L. E. Akin, A. S. Konoplev,
18 pp.

RUSSIAN, ~~in~~ Zhur Prik Khim, Vol IX, No 6,
1936, pp 1082-1089.

Sci Tr ~~Sci~~ Center RT-680

Scientific - Chemistry

10,658

Preparation of Lacquers from Woodpulp Nitrocellulose.
Part II., by L. E. Akim, V. V. Zhebrovskiy, 9 pp.

RUSSIAN, no per. Zhur Prik Khim, Vol IX, No 6, 1936
pp 1090-1095,

Sci Tr Center RT-681

Scientific - Chemistry

1, 659

Nikolaev, N. S., Ivanov, N. A., and Koltypin, S. G.
SODIUM SILICOFLUORIDE AND ALUMINUM FLUORIDE
AND THEIR SOLUBILITY IN WATER AND IN
HYDROFLUORIC ACID. [1963] 16p. 8 refs.
Order from OTS or SLA \$1.60 63-14618

Trans. of [Zhurnal Prikladnoi Khimii] (USSR) 1936,
v. 9, p. 1183-1190.

DESCRIPTORS: *Sodium compounds, *Fluorides,
*Silicates, Solubility, Water, Acids, Aluminum
compounds, Temperature, Statistical data.

The work described showed that with increase of
temperature and HF concentration in the solvent the
solubilities of both Na_2SiF_6 and $\text{Al}_2\text{F}_6 \cdot 5\text{H}_2\text{O}$ increase.
The composition of the aluminum fluoride corresponding
to the ordinary method by which it is produced was
established. This composition is $\text{Al}_2\text{F}_6 \cdot 5\text{H}_2\text{O}$. Investi-
(Chemistry--Inorganic, TI, v. 10, no. 4) (over)

63-14618

I. Nikolaev, N. S.
II. Ivanov, N. A.
III. Koltypin, S. G.

Office of Technical Services

Preparation of Hydrocarbons of the Butadiene
Series, by V.P. Krauze, Ya. M. Slobodin. 10 pp.
RUSSIAN, per, Zhurnal Prikladnoi Khimii, Vol 9,
1936, pp 1278-1288.
SLA TT-61-18054

Sci/Chemistry
Jul 66

305,989

Zh Priklad Khim Vol 9, page 1378-86 (1936)

Sulfate to
Reduction of Sodium/Sulfide by Natural Gas
by D. I. Dionis'ev

AEC Trans (avail. Brookhaven)

Heats of Combustion of Isoprene and Products
of its Polymerization, by S. V. Lebedev,
M. A. Khokhlovkin, et al. 9 pp.
RUSSIAN, per, Zhurnal Prikladnoi Khimii, Vol 9,
1936, pp 1605ff.
SLA TT-61-16633

Sci/Chemistry
Jul 66

305,990

Svetlov, Yu. M. and Vul'fson, N. S.
PREPARATION OF SECONDARY OCTYL ALCOHOL
AND SEBACIC ACID. [1961] 28p 27refs
Order from OTS, SLA, or ETC \$2.60 TT-61-16551

Trans. of [Zhurnal Prikladnoi Khimii] (USSR) 1936,
v. 9, p. 1613-1625.

DESCRIPTORS: *Alcohols, Octanes, *Sebacic acid,
Synthesis (Chemistry), Purification, Permanganates,
Distilling plants

TT-61-16551

1. Title: sec-Octyl alcohol
I. Svetlov, Yu. M.
II. Vul'fson, N. S.

(Chemistry--Organic, TT, v. 11, no. 3)

Office of Technical Services

Chemistry of Titanium IV. Chlorination of Titanomagnetite, by A. V. Pamfilov, E. G. Shtandel', 15 pp.

RUSSIAN, per, Zhur Prik Khim, Vol IX, No 10, 1936, pp 1770-1780.

Sci Tr Center
RT-1384

Scientific - Chemistry

CTS/DEK

18,760

Preparation of Calcium Sulfide from Gypsum, by V. R.
Ter-shkevich, G. N. Evetakiy, 21 pp.

^u
RUSSIAN, per, Zhur Prikl Khim, Vol IX, 1936, pp
2155-2174.

3008

CIA R-323

Sci

Jul 59

92, 631

61-14474

Kashtanov, L. I., Ivanova, N. P., and Ryzhov, V. P.
CATALYSIS OF THE RATE OF DECOMPOSITION OF
OZONE BY DIFFERENT METAL SURFACES. [1961]
6p. 1 ref.
Order from OTS or SLA \$1.10

61-14474

Trans. of Zhurnal Prikladnoy Khimii (USSR) [1936]
v. 9, no. 12, p. 2176-2178.

DESCRIPTORS: Catalysts, *Ozone, Decomposition,
Metals, Chemical reactions, Surface properties.

I. Kashtanov, L. I.
II. Ivanova, N. P.
III. Ryzhov, V. P.

161711

Office of Technical Services

(Unannounced)

Determination of CaSO_4 in Gypsum by V. K. Zolotukhin
RUSSIAN, Zhur Prikl Khim, Vol 10, No 1, 1937, pp 208-11
BRL Comm No 419

Sci Museum Lib No 50/3283 - London

Scientific

Chlorination of Minerals Containing Rare Elements, by
G. G. Urazov, I. S. Morozov, M. P. Shmantsar', 21 pp.

RUSSIAN, 1937, Zhur Prikl Khim, Vol X, No 1, 1937,
pp 6-18.

Sci Trans Center RT-891

Scientific - Chemistry
CES/DREX

14,046

Physico-chemical Analysis in the Field of Nitric
Acid-Treatment of Phosphates, by A. P. Belopolakiy,
M. W. Shulgina, M. T. Serebrennikova, S.Y. Shpunt,
10 pp.

RUSSIAN, per, Zhur Prik Khim, Vol X, No 3, 1937,

SLA R-2868

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The Reduction of Iron Catalysts Used in the
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SLA R-2468

Sci - Chem

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11 refs.
Order from OTS or SLA \$1.60 63-14587

Trans. of [Zhurnal Prikladnoi Khimii] (USSR) 1957,
v. 10, p. 853-858.

DESCRIPTORS: *Gels, *Silicon compounds, *Dioxides,
*Sorption, *Impregnation, Structural properties, Porosity,
Surface-active substances, Adsorption.

(Chemistry--Physical, TT, v. 10, no. 4)

63-14587

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II. Nagornaya, N. A.

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V. S. Molchanov, 19 pp.

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Sci Tr Center
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Scientific - Chemistry

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Order from OTS or SLA \$1.60 61-18185

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1937,
v. 10, p. 1071-1079.

DESCRIPTORS: Vinyl chlorides, Chlorides,
Polymerization, Solutions.

(Unannounced)

61-18185

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L. Chepilevetskiy and T. Bolts, 12 pp.

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1937, pp 1183-1193.

OTS 63-14619
SLA R-2175

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INTERACTION OF THE SODIUM ALUMINATE AND
SILICA SOLUTIONS. 14 Feb 45, 8p. (figs. omitted)
10 refs.
Order from OTS or SLA \$1.10

63-10352

Trans. of [Zhurnal Prikladnoi Khimii] (USSR) 1937,
v. 10, p. 1211-1215.
Another trans. is available from SLA as R-4960, 8p.

DESCRIPTORS: *Sodium compounds, *Aluminates,
Chemical reaction, *Silicon compounds, Colloids,
Chemical precipitation, Chemical analysis, Oxides.

(Chemistry--Inorganic, TT, v. 9, no. 11)

63-10352

I. D'yachkov, V. D.

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SCI Tr Center
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Scientific - Chemistry

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SLA R 3017

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Tertiary Systems: $H_2O-NH_4NO_3-NH_4H_2PO_4$, by A. G. Bergman,
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SIA R-3294

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Sci - Chem

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RAE 776

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pp 1847-1866.

SIA R-2600

Sci - Chem

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TIET ALS GRONDSTOF VOOR DEN AMMONIAK-
KATALYSATOR (Utilization of KRIVOI-ROG-hematite as a Raw Material for the Ammonia-catalyst) tr. by
A. Bosch-Sukacz and G. J. M. Fritschy. 7p. 3 refs.
MTWL: 122. (text in Dutch).
Order from OTS or ETC \$1.55

61-17727

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1937,
v. 10, p. 1868-1870.

DESCRIPTORS: *Ammonia, Synthesis, Catalysts,
*Magnetite.

61-17727

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- II. Klapchuk, S. V.
- III. MTWL-122
- IV. Stichting Moeilijk
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S. A. Pletenev, S. A. Pavlov, 25 pp.

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pp 1957-1967.

SLA R-861

Sci .. Chemistry
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Topchiev, A. V. and Paushkin, Ya. M.
DE HETEROGENE KATALYSE DER SULFONERING
VAN BENZEEN MET BEHULP VAN ZWAVELZUURAN-
HYDRIDE BIJ 250-450° (Heterogeneous Catalyst for
the Sulfonation of Benzene with Sulfur Trioxide at
250-450°) tr. by G. J. M. Fritschy. 8p. 5 refs.
MTWL: 59. (text in Dutch).
Order from: OTS or ETC \$1.55

61-17673

Trans. of Zhurnal Prikladnoi Khimii (USSR) v. 12,
p. 64-68.

DESCRIPTORS: *Benzenes, *Sulfonates, Sulfur
compounds, Oxides, *Catalysts.

61-17673

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M. V. Kartaynal, 10 ---.
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10 pp.

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SLA R-~~41~~ 3339

Sci

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Kiprianov, G. J. and Shostak, F. T.
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OXYDATIE VAN BENZOL. (Preparation of Maleic Acid
by Catalytic Oxidation of Benzene) 16p. 15 refs.
MTWL: 140. (text in Dutch).
Order from OTS or ETC \$1.85

61-17710

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1938,
v. 11, p. 471-480.

DESCRIPTORS: *Benzenes, Oxidation, Catalysis,
*Malic acid, Preparation.

61-17710

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- III. MTWL-140
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Sci - Chemistry
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Telegin, V. G. and Sidorov, N. V.
HET ELECTROSMELTEN VAN DE KATALYSATOR
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A. Bosch-Sukacz and G. J. M. Fritschy. 16p. 17 refs.
MTWL: 131. (text in Dutch).
Order from OTS or ETC \$1.85

61-17715

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1938,
v. 11, p. 588-596.

DESCRIPTORS: *Ammonia, Synthesis, *Catalysts,
Melting.

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Sci Tr Center RT -2211

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Scientific - Chemistry Apr 55 OTS

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MTWL: 619.
Order from OTS or ETC \$1.55

61-17364

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DESCRIPTORS: *Cyclopentanes, Preparation.

61-17364

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Toluene, by P. P. Shorygin, A. V. Bogdanova, 5 pp.

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NISM OF PLASTICIZATION. [1960] 22p. 9 refs.
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1. Plasticizers--Physical effects
2. Plastic films--Mechanical properties
- I. Ivanova, Z. G.
- II. Rogovin, Z. A.
- III. Title: Mechanism...

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Electrolytic Preparation on Non-Carbonic
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Chromium Salts, by L. N. Golts, et al.

RUSSIAN, per, Zhur Prik Khim, Vol XI,
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